

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Herman J. Ledbetter

3. ADDRESS OF OPERATOR

1002 Sayles Boulevard Abilene, Texas 79605

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

990 FSL & 1980 FEL

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

2 miles Southeast of Jal, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

330'

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

3/4 mile

16. NO. OF ACRES IN LEASE

160

19. PROPOSED DEPTH

3700

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

2988 GR

22. APPROX. DATE WORK WILL START*

May 1, 1977

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8" (used)	H-40, 20#	980'	200
7 7/8"	4 1/2" (used)	K-55, 9.5#	3700'	225

1. The surface formation is Dewey Lake.
2. Tops of important geologic markers: Rustler, 970; Seven Rivers, 2975; Queen, 3425; Penrose, 3575.
3. Estimated depths of anticipated water, oil, gas and other mineral-bearing formations expected:
Oil zones: Queen at 3425, Penrose at 3575.
4. Proposed casing program:
Surface casing: Used 8 5/8", 20#, H-40 casing set at 980' with 200 sacks of cement.
Oil string: Used 4 1/2", K-55, 9.5# at 3700' with 225 sacks.
5. Blowout preventer: 10" Cameron SS series 900 double hydraulic with Payne closing unit on the 8 5/8" casing. No abnormal pressures have been encountered in this area and none are anticipated.
6. Drilling mud: Fresh water will be used to drill surface hole. Salt water gel and starch will be used as necessary to control water loss to total depth.
7. Auxiliary equipment: A sub on the floor with a valve to be stabbed in the drill pipe when the kelly is not in the string.

(continued on attached sheet)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE

Operator

DATE

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

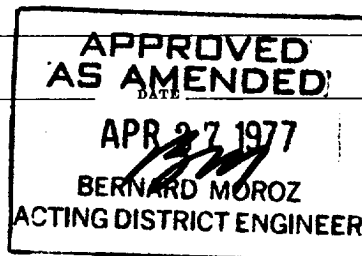
APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

"APPROVAL TO FLARE GRANTED
WHILE DRILLING AND TESTING."

*See Instructions On Reverse Side



Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult appropriate State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 2: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 3: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the location of the well, and any other required information, should be furnished when required by Federal or State agency offices.

Item 4: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 5: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

U.S. GPO 782-931

RECEIVED

MAY 3 1977

OIL CONSERVATION COMM.
HOBBS, N. M.

